

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Peterson et al.)
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**PRELIMINARY AMENDMENT,
REQUEST FOR TRANSFER OF ORIGINAL DRAWINGS,
AND INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please amend the enclosed reissue application as follows.

In the claims:

Amend claim 1 as follows:

1. (Amended) An [unmanned optical] emissions sensor for sensing a gas mixture composition of an exhaust plume of a motor vehicle [travelling along a road], comprising:

a source for radiating a beam of [light] radiation along a path [across a road] such that the beam passes through the exhaust plume of a passing vehicle and otherwise passes through ambient air;

a receiver for sampling radiation levels at a plurality of predetermined wavelengths from the beam;